

WHAT IS CLAIMED IS:

1. A method for controlling noise reduction of an air conditioner, comprising the steps of:

5                 (a) stopping a compressor, when the air conditioner is stopped under the condition that the compressor and an outdoor fan are operated; and

10                 (b) stopping the outdoor fan after a designated time after a point in time when the compressor is stopped in the step (a) elapses.

2. The method as set forth in claim 1,

15                 wherein the designated time in the step (b) is a time required to allow inner pressures of the compressor, a condenser, an expansion device and an evaporator to reach an equilibrium state.

20                 3. A method for controlling noise reduction of an air conditioner, in which an outdoor fan is continuously operated for a designated time after a compressor is stopped, so as to reduce temperature and pressure of a refrigerant passing through a condenser.

25                 4. The method as set forth in claim 3,

               wherein the outdoor fan is stopped after the designated

time from the stoppage of the compressor elapses.

5. The method as set forth in claim 4,

wherein the designated time is a time required to allow

5 inner pressures of the compressor, a condenser, an expansion

device and an evaporator to reach an equilibrium state.